

Listing of Claims

The following is a listing of all the claims.

1. (Previously presented) A method for releasing fluid medicaments into a vessel wall of a patient at a treatment site, the method comprising the steps of:

providing an expanding member defining an axis and having a plurality of dispensers mounted on said expanding member for movement therewith, said dispensers consisting only of dispensers positioned in a single plane oriented substantially perpendicular to said axis;

advancing said expanding member through the vessel to the site;

moving said expanding member between a first configuration wherein said dispensers are positioned substantially adjacent said axis of said expanding member, and a second configuration wherein said dispensers are radially extended from said axis for penetrating into the vessel wall; and

providing a fluid medicament and releasing said fluid medicament through said dispensers into the vessel wall for a substantially circumferential dispersion of said fluid medicament into said vessel wall.

2. (Original) The method of claim 1 wherein said fluid medicament inhibits the proliferation of smooth tissue growth in the vessel.

3. (Original) The method of claim 1 wherein said fluid medicament comprises a radioactive isotope.

4. (Original) The method of claim 1 wherein said fluid medicament stimulates the production of collateral vessels.

5. (Canceled)

6. (Canceled)

7. (Original) The method of claim 1 wherein said fluid medicament comprises a binder which binds to at least a portion of the vessel wall.

8. (Canceled)
9. (Original) The method of claim 1 wherein said fluid medicament comprises a gene for gene therapy.
10. (Previously presented) A method for releasing fluid medicaments into a vessel wall of a patient at a treatment site, the method comprising the steps of:
 - providing an expanding member defining an axis and having a plurality of dispensers mounted thereon for movement therewith, said dispensers consisting only of dispensers positioned in a single plane oriented substantially perpendicular to said axis;
 - advancing said expanding member through the vessel to the site;
 - moving said expanding member between a first configuration wherein said dispensers are positioned substantially adjacent said axis of said expanding member, and a second configuration wherein said dispensers are radially extended from said axis for penetrating into the vessel wall;
 - and
 - providing a fluid medicament and releasing said fluid medicament through said dispensers into the vessel wall for dispersion of said fluid medicament into said vessel.
11. (Canceled)
12. (Currently amended) The method of claim ~~[[11]]~~ 10 wherein said fluid medicament inhibits the proliferation of smooth tissue growth in the vessel.
13. (Currently amended) The method of claim ~~[[11]]~~ 10 wherein said fluid medicament comprises a radioactive isotope.
14. (Currently amended) The method of claim ~~[[11]]~~ 10 wherein said fluid medicament stimulates the production of collateral vessels.
15. (Canceled).
16. (Canceled)

17. (Currently amended) The method of claim ~~[[11]]~~ 10 wherein said fluid medicament comprises a binder which binds to at least a portion of the vessel wall.
18. (Canceled).
19. (Currently amended) The method of claim ~~[[11]]~~ 10 wherein said fluid medicament comprises a gene for gene therapy.
20. (Previously presented) A method for releasing fluid medicaments into a vessel wall of a patient at a treatment site, the method comprising the steps of:
 - providing an expanding member defining an axis, and having a plurality of dispensers mounted thereon for movement therewith, said dispensers consisting only of dispensers positioned in a single plane oriented substantially perpendicular to said axis;
 - advancing said expanding member through the vessel to the site;
 - moving said expanding member between a first configuration wherein said dispensers are positioned substantially adjacent said axis of said expanding member, and a second configuration wherein said dispensers are radially extended from said axis for penetrating into the vessel wall;
 - and
 - providing a fluid medicament and releasing said fluid medicament through said dispensers into the vessel wall for dispersion of said fluid medicament into said vessel wall.
21. (Original) The method of claim 20 wherein said fluid medicament inhibits the proliferation of smooth tissue growth in the vessel.
22. (Original) The method of claim 20 wherein said fluid medicament comprises a radioactive isotope.
23. (Original) The method of claim 20 wherein said fluid medicament stimulates the production of collateral vessels.
24. (Canceled).

25. (Canceled)
26. (Original) The method of claim 20 wherein said fluid medicament comprises a binder which binds to at least a portion of the vessel wall.
27. (Canceled)
28. (Original) The method of claim 20 wherein said fluid medicament comprises a gene for gene therapy.